# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Patent Appli | cation of:                 |                         |     |
|--------------------|----------------------------|-------------------------|-----|
| Kazutaka KOBAY     | 'ASHI                      |                         |     |
| Application No.: \ | Jnassigned                 | Group Art Unit: Unassig | ned |
| Filed: June 6, 20  | 05                         | Examiner: Unassigned    |     |
| For: METHOD        | OF FORMING VIA HOLE IN RES | IN LAYER                |     |

# **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

|    | •           |             | application. It is requested that the Examiner make this information of record rial to the examination of the subject application.   |
|----|-------------|-------------|--|
| 1. |             | Encl        | osures accompanying this Information Disclosure Statement are:   |
|    | 1a.<br>1b.  |             | Form PTO-1449. Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.   |
|    | 1c.         | $\boxtimes$ | English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.   |
|    | 1d.         | $\boxtimes$ | English language translation (complete, Abstract or relevant portion(s)) attached to non-English language publications as indicated on the attached  |
|    | 1e.         |             | Form PTO-1449. Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of non-English publications.  |
| 2. | $\boxtimes$ |             | ccordance with 37 CFR § 1.98, a concise explanation of what is presently erstood to be the relevance of each non-English language publication is   |
|    | 2a.         | $\boxtimes$ | (Check appropriate Items 2a, 2b, 2c and/or 2d) satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2) |
|    | 2b.         |             | set forth in the application.  |

| 2c. 🛭 |   | satisfied for the non-English language publication(s) indicated on the |
|-------|---|--|
|       |   | attached PTO-1449 as having an English language translation (complete  |
|       |   | Abstract or relevant portion(s)) attached thereto.                     |
| 2d. 🗆 | 7 | enclosed as Attachment 1(e), hereto.                                   |

3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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H. J. State

Registration No. 22,010

# 10/537863 JC09 Reald PCT/PTO 0 6 JUN 2005

| EODM DTO 4440  | LLC DEDARTMENT OF COMMERCE                              | ATTORNEY DOCKET NO.  | APPLICATION NO. |
|----------------|---|----------------------|-----------------|
| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | 0300.1185            | Unassigned      |
|                |   | FIRST NAMED INVENTOR |                 |
| INFORMATION DI |   | Kazutaka KOBAYASHI   | . <u> </u>      |
|                | SCLOSURE STATEMENT                                      | FILING DATE          | GROUP ART UNIT  |
| (Use sev       | eral sheets if necessary)                               | June 6, 2005         | Unassigned      |

### **U.S. PATENT DOCUMENTS**

|                      |    |                 | 0.0  |      |       |               |             |
|----------------------|----|-----------------|------|------|-------|---------------|-------------|
| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE |
|                      | AA |                 |      |      |       |               |             |
|                      | AB |                 |      |      |       |               |             |
|                      | AC |                 |      |      |       |               |             |
|                      | AD |                 |      |      |       | - **          |             |
|                      | AE |                 |      |      |       |               |             |
|                      | AF |                 |      |      |       |               |             |

## **FOREIGN PATENT DOCUMENTS**

|        | DOCUMENT<br>NO. | DATE       | COUNTRY | TRANSLATION<br>YES NO | ABSTRACT |
|--------|-----------------|------------|---------|-----------------------|----------|
| AG     | 2002-20510      | 01/23/2002 | Japan   | X                     | Yes      |
| АН     | 10-173318       | 06/26/1998 | Japan   | X                     | Yes      |
| Al     | 8-340165        | 12/24/1996 | Japan   | X                     | Yes      |
| <br>AJ | 2002-80823      | 03/22/2002 | Japan   | X                     | Yes      |
| AK     | 2000-79388      | 03/21/2000 | Japan   | X                     | Yes      |
| AL     | 2004-99745      | 04/02/2004 | Japan   | X                     | Yes      |

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

|          |    |                 | TRANSI<br>YES |         |
|----------|----|-----------------|---------------|---------|
|          | АМ |                 |               |         |
|          | AN |                 |               |         |
|          | AO |                 | <u> </u>      |         |
| EXAMINER |    | DATE CONSIDERED | <u> </u>      | <u></u> |

**EXAMINER** 

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.